

IN THE CLAIMS

Please cancel claim 11.

Please replace claim 10 with the following new version:

In accordance with 37 C.F.R. § 1.121(c)(ii), marked-up version(s) of the amended claim is provided on a separate sheet at the end of this response under the heading of Marked-up Versions of Amended Claims.

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A8

10. (Amended) A method of suppressing a corrosion of a reactor structural member, comprising:
controlling a corrosion potential of the reactor structural member by providing a corrosion potential reducing substance on a surface of the reactor structural member, the corrosion potential reducing substance being selected from the group [consisting of a photocatalytic substance which produces an electromotive force under an irradiation of a light or a radioactive ray in the nuclear reactor and a metal or a metal compound which forms the photocatalytic substance under a condition specified by a temperature and a pressure in the nuclear reactor] the corrosion potential reducing substance being formed as a particle having a surface on which at least one of Pt, Rh, Ru and Pd is provided.

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